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(71) Applicant (for all designated States except US): BASELL POLYOLEFINE GMBH [DE/DE]; Brühler Strasse, 50389 Wesseling (DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): BERTHOLD, Joachim [DE/DE]; Am Flachsland 54, 65779 Kelkheim (DE). BÖHM, Ludwig [DE/DE]; Leonhardstrasse 36, 65795 Hattersheim (DE). KRÜMPEL, Peter [DE/DE]; Hopfenstrasse 6, 65520 Bad Camberg (DE). MANTEL,

(74) Agent: HOFFMANN, Peter; Basell Polyolefine GmbH, Industriepark Höchst, Intellectual Property, Building E413, 65926 Frankfurt am Main (DE).

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(54) Title: POLYETHYLENE BLOW MOLDING COMPOSITION FOR PRODUCING LARGE CONTAINERS

(57) Abstract: The invention relates to a polyethylene composition with multimodal molecular mass distribution, which is particularly suitable for the blow molding of large containers with a volume in the range of from 10 to 150 dm³ (l). The composition has a density in the range of from 0.949 to 0.955 g/cm³ at 23 °C and an MFI_{190/5} in the range of from 0.1 to 0.3 dg/min. It comprises from 38 to 45 % by weight of a low-molecular-mass ethylene homopolymer A, from 30 to 40 % by weight of a high-molecular-mass copolymer B made from ethylene and from another 1-olefin having from 4 to 8 carbon atoms, and from 18 to 26 % by weight of an ultrahigh-molecular-mass ethylene copolymer C.

WO 2004/058878 A1

INTERNATIONAL SEARCH REPORT

Application No

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C08L23/04 C08F297/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C08L C08F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 199 45 980 A (ELENAC GMBH) 29 March 2001 (2001-03-29) the whole document	1-10
X	US 4 536 550 A (IKEGAMI TADASHI ET AL) 20 August 1985 (1985-08-20) the whole document	1-10
X	US 4 336 352 A (SAKURAI HISAYA ET AL) 22 June 1982 (1982-06-22) the whole document	1-10
A	US 6 242 548 B1 (KASPAR HARALD ET AL) 5 June 2001 (2001-06-05) the whole document	1-10
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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Van Golde, L

INTERNATIONAL SEARCH REPORTApplication No
EP 03/13975**C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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